

Converting Colors

Hex(187E93)

Have a look what the booklet for
Hex(187E93) contains.

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Color

Hex(187E93)

Conversions

Conversions Part 1

Format	Color
Hex	187E93
RGB	24, 126, 147
RGB Percent	9%, 49%, 58%
CMY	0.9059, 0.5059, 0.4235
CMYK	0.84, 0.14, 0.00, 0.42
HSL	190°, 72%, 34%
HSV	190°, 84%, 58%
XYZ	13.1040, 17.2225, 30.2374
YIQ	97.8960, -67.5330, -15.0930

Conversions

Conversions Part 2

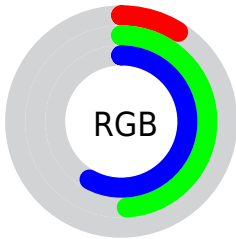
Format	Color
R_{YB}	24, 80, 147
Decimal	1605267
CIE _{Lab}	48.54, -19.89, -19.21
CIE _{LCh}	49, 27.649, 224.010
Yxy	17.2225, 0.2164, 0.2844
Android (android.graphics.Color)	4279795347 (0xFF187E93)
YUV	97.8960, 24.2083, -64.8068
Hunter-Lab	41.5000, -16.2619, -14.1494

Details

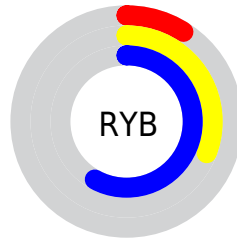
The Hex color **187E93** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **932D18**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5CB3C9**, and **004D60** is the 20% darker color. If you saturate the color by 10%, you get **097B93**, and if you desaturate by 10%, it is **278193**.

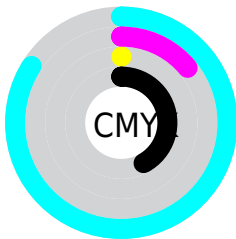
Distribution



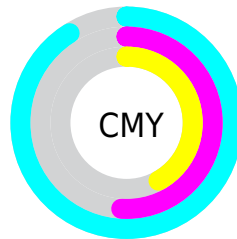
- Red (9%)
- Green (49%)
- Blue (58%)



- Red (9%)
- Yellow (31%)
- Blue (58%)



- Cyan (84%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (91%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187E93 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 187E93 by changing the saturation by 10% instead.

 187E93

 187E93

FFFFFF

 006579

 5CB3C9

 004D60

 79CEE5

 003649

 96EBFF

 002132

 B3FFFF

 00021D

 D0FFFF

 000000

 EEEFFF

 187E93

 187E93

 097B93

 278193

007A93

358393

448693

538893

618B93

708D93

7F9093

8E9293

9C9593

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21807E



187E93



3C79A0

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187E93



996381



787545

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187E93



932D18

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8E6E47



187E93



A16169

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187E93



846995



9D6654



5E7B51

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187E93



5774A2



9D6654



807344

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



187E93



8FB7BF



18932C



445C61



E0E0E0



616161

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187E93



009FBF



184193



43494A



00728A



00080A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



93187E



BF009F



936A18



4A4349



8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 187E93 looks on a white background.

Color Contrast Check

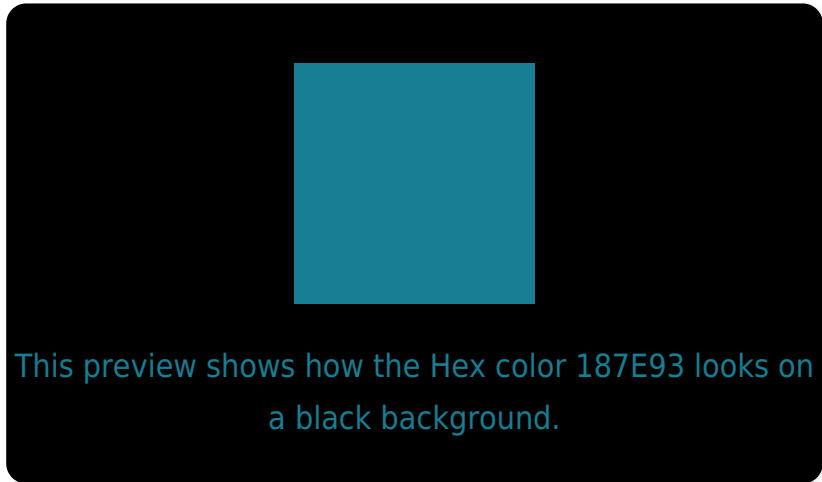
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

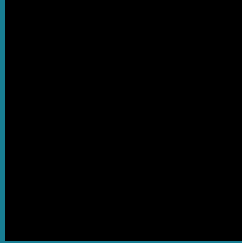
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

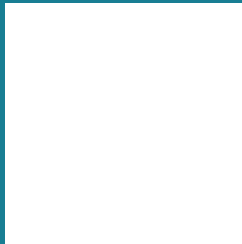
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 187E93 Background



This preview shows how black text looks on a background with the Hex color 187E93.

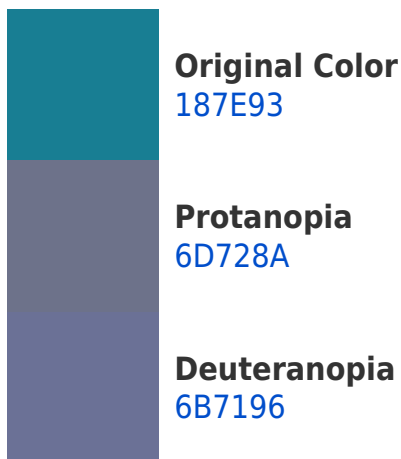


This preview shows how white text looks on a background with the Hex color 187E93.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
00808A

Trichromacy



Original Color
187E93

Protanomaly
4E768D

Deuteranomaly
4D7695

Tritanomaly
097F8D

Monochromacy



Original Color
187E93

Achromatopsia
626262

Achromatomaly
476C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 187E93 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #187E93 looks like.

```
.text, #text, p{  
    color:#187E93  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #187E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187E93  
}
```

Border

The CSS property to change the border of an element to Hex 187E93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#187E93 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#187E93 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #187E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187E93; -webkit-box-shadow:4px 4px  
4px 4px #187E93; box-shadow:4px 4px 4px  
4px #187E93 }
```

Background

The CSS property to change the background color of an element to Hex 187E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187E93 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#187E93 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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